UTILITY PATENT APPLICATION TRANSMITTAL *(Only for new nonprovisional applications under 37 CFR 1.53(b))*	*Attorney Docket No.* 8733.430.10-US
	First Inventor Hong-Man MOON
	Title LIQUID CRYSTAL DISPLAY DEVICE ARRAY SUBSTRATE AND METHOD OF MANUFACTURING THE SAME
	Express Mail Label No.

U.S. PTO
10/690578
22278
102303

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

1. [X] Fee Transmittal Form (e.g., PTO/SB/17)
   (Submit an original, and a duplicate for fee processing)

2. [ ] Applicant claims small entity status.
   See 37 CFR 1.27.

3. [X] Specification [Total Pages] 24

   (preferred arrangement set forth below)
   - Descriptive title of the invention
   - Cross Reference to Related Applications
   - Statement Regarding Fed sponsored R & D
   - Reference to sequence listing, a table,
     or a computer program listing appendix
   - Background of the Invention
   - Brief Summary of the Invention
   - Brief Description of the Drawings *(if filed)*
   - Detailed Description
   - Claim(s)
   - Abstract of the Disclosure

4. [X] Drawing(s) *(35 U.S.C. 113)* [Total Sheets] 8

5. Oath or Declaration [Total Sheets] 2

   a. [ ] Newly executed (original or copy)

   b. [X] Copy from a prior application (37 CFR 1.63(d))
      (for continuation/divisional with Box 18 completed)

      i. [ ] DELETION OF INVENTOR(S)
         Signed statement attached deleting
         inventor(s) named in the prior application,
         see 37 CFR 1.63(d)(2) and 1.33(b).

6. [ ] Application Data Sheet. See 37 CFR 1.76

7. [ ] CD-ROM or CD-R in duplicate, large table or
   Computer Program *(Appendix)*

8. Nucleotide and/or Amino Acid Sequence Submission
   (if applicable, all necessary)

   a. [ ] Computer Readable Form (CRF)

   b. Specification Sequence Listing on:

      i. [ ] CD-ROM or CD-R (2 copies); or   ii. [ ] Paper

   c. [ ] Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. [X] Assignment Papers (cover sheet & document(s))

10. [ ] 37 CFR 3.73(b) Statement   [ ] Power of
    (when there is an assignee)   Attorney

11. [ ] English Translation Document *(if applicable)*

12. [X] Information Disclosure   [ ] Copies of IDS
    Statement (IDS)/PTO-1449   Citations

13. [X] Preliminary Amendment

14. [X] Return Receipt Postcard (MPEP 503)
    (Should be specifically itemized)

15. [ ] Certified Copy of Priority Document(s)
    (if foreign priority is claimed)

16. [ ] Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).
    Applicant must attach form PTO/SB/35 or its equivalent.

17. [X] Other: Check for $770.00
    Copy of Request for Priority w/copy of front
    pg. of Korean Appln. No. 2000-31848

18. If a CONTINUING APPLICATION, *check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:*

[ ] Continuation   [X] Divisional   [ ] Continuation-in-part (CIP)   of prior application No.: 09/867,484

Prior application information: Examiner Ahmed N. Sefer   Art Unit: 2826

For CONTINUATION or DIVISIONAL APPS only: **The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.**
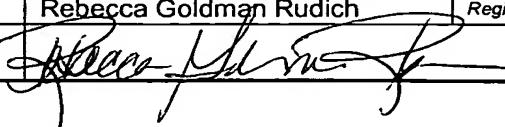
19. CORRESPONDENCE ADDRESS

[ ] Customer Number or Bar Code Label   or [X] Correspondence address below

Name	MCKENNA LONG & ALDRIDGE LLP Song K. Jung
Address	1900 K Street, N.W.
City Washington	*State* DC *Zip Code* 20006
Country US	*Telephone* (202) 496-7500 *Fax* (202) 496-7756

Name (Print/Type)	Rebecca Goldman Rudich	*Registration No. (Attorney/Agent)*	41,786
Signature		*Date*	October 23, 2003

30827

PATENT TRADEMARK OFFICE

13281 U.S. PTO
102303

FEE TRANSMITTAL
for FY 2003
Effective 01/01/2003, Patent fees are subject to annual revision.

Complete if Known	
Application Number	TBA
Filing Date	October 23, 2003
First Named Inventor	Hong-Man MOON
Examiner Name	Not Yet Assigned
Art Unit	N/A

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	($) 770.00	Attorney Docket No.	8733.430.10-US

METHOD OF PAYMENT (check all that apply)

[X] Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account

Deposit Account Number: **50-0911**

Deposit Account Name: **McKenna Long & Aldridge LLP**

The Director is hereby authorized to: (check all that apply)

☐ Charge fee(s) indicated below   [X] Credit any overpayments

☐ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	770.00
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) ($) 770.00

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

	Extra Claims		Fee from below		Fee Paid
Total Claims	7	-20** =	0	x 18.00 =	0.00
Independent Claims	1	-3** =	0	x 86.00 =	0.00
Multiple Dependent				=	

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) ($) 0.00

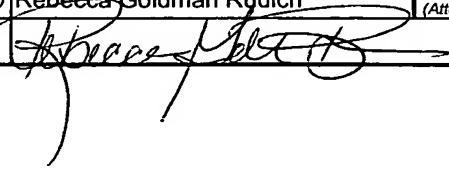**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code	Fee ($)	Small Entity Fee Code	Fee ($)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for *ex parte* reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) ($) ____

SUBMITTED BY

	Complete *(if applicable)*	
Name (Print/Type): Rebecca Goldman Rudich	Registration No. (Attorney/Agent): 41,786	Telephone: (202) 496-7463
Signature: *[signature]*		Date: October 23, 2003

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PATENT TRADEMARK OFFICE